

01-4005, Method of
**SYSTEM AND METHOD FOR EVALUATING ACCURACY
OF AN AUTOMATIC LOCATION IDENTIFICATION
SYSTEM**
Express Mail No. ER131624600US

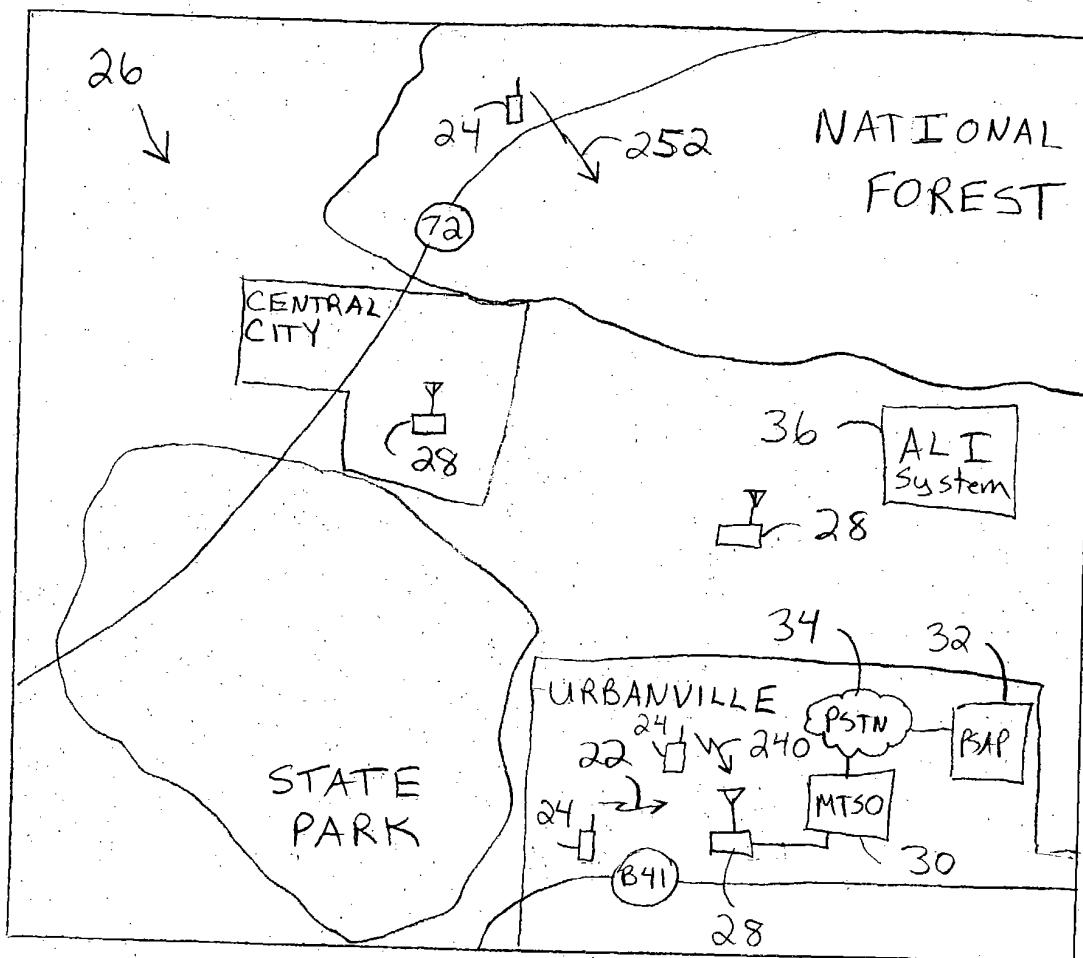


FIG. 1

20

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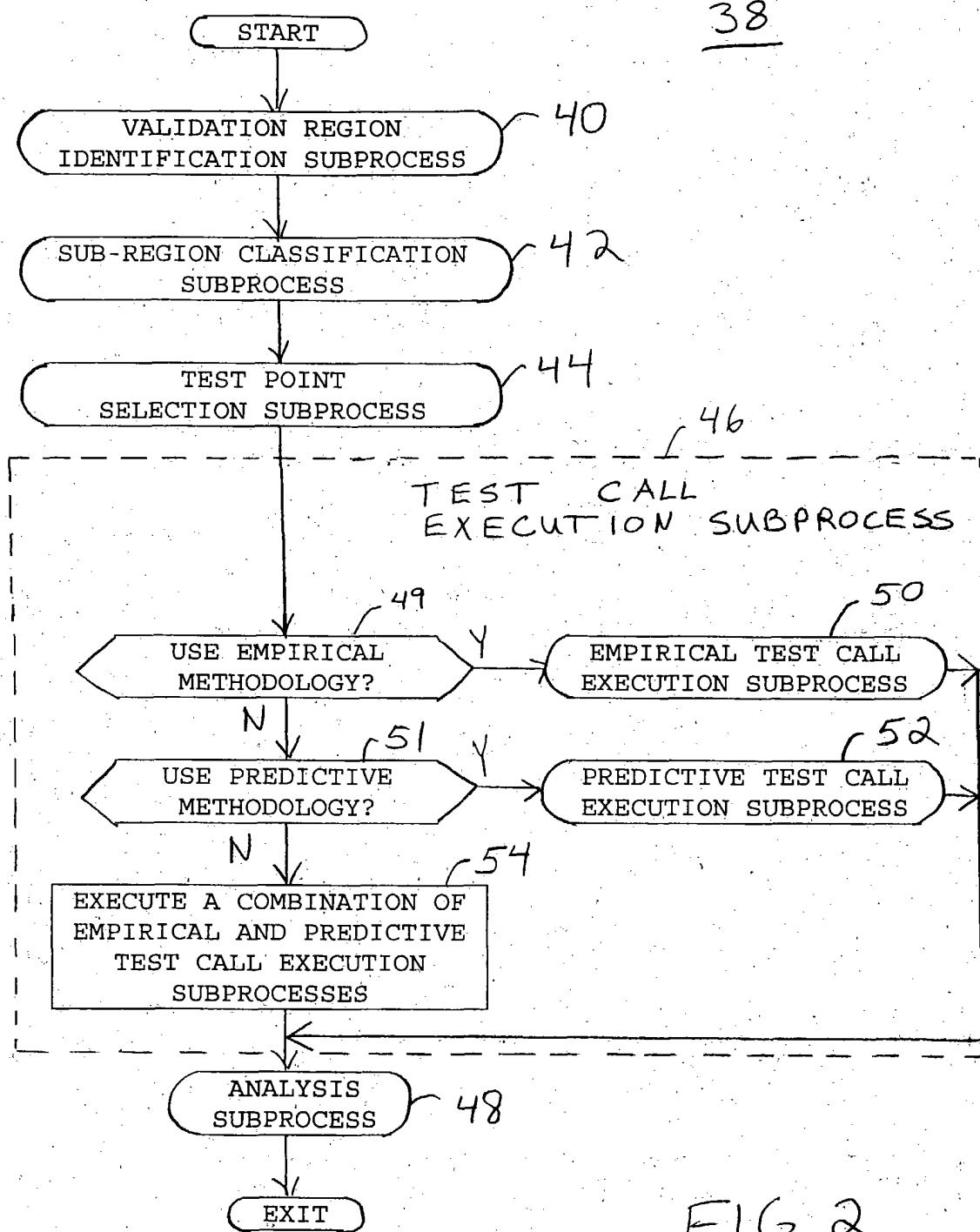


FIG. 2

01-4065, Interntal Mailman
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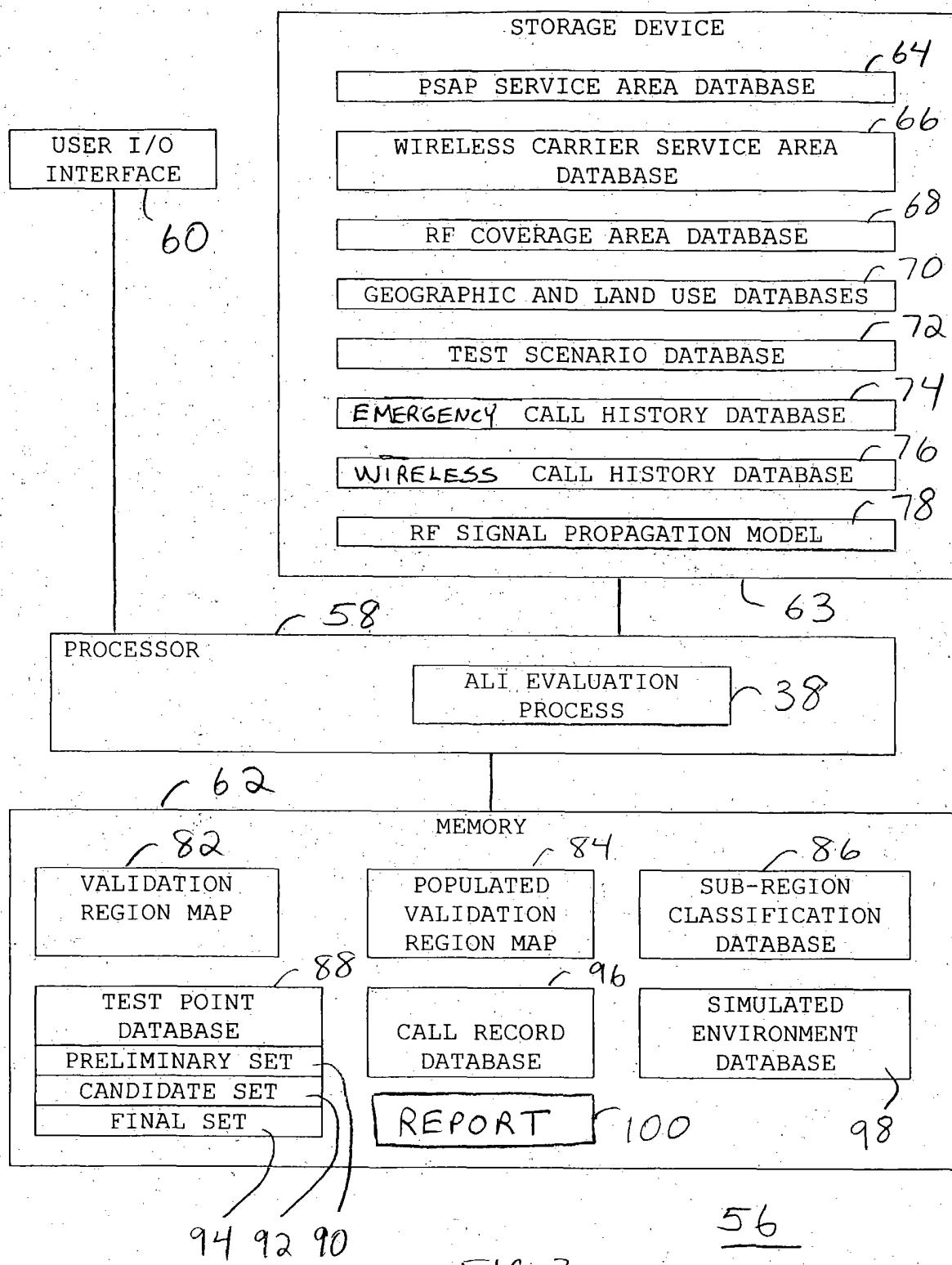
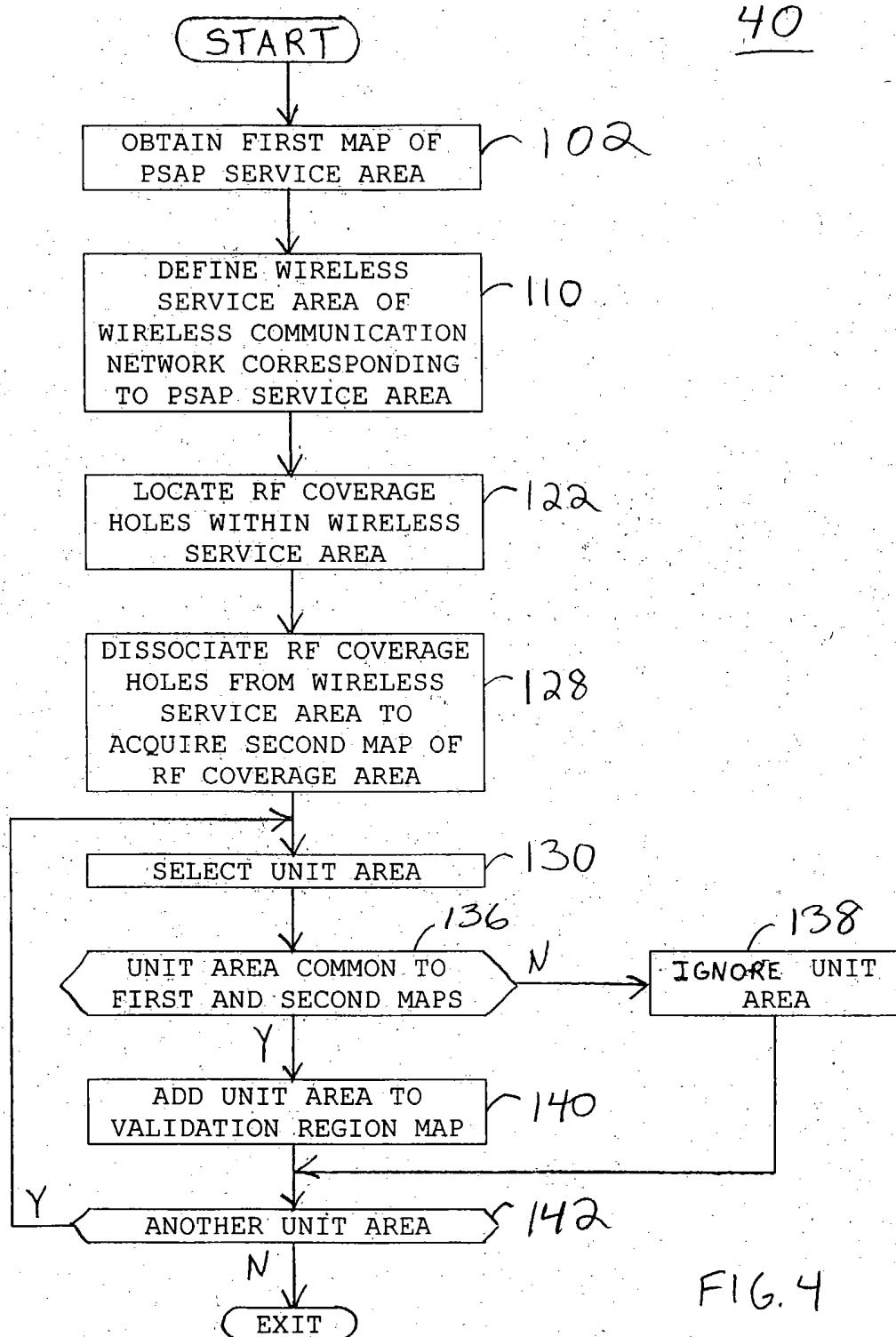


FIG. 3

01-4063, Ingraham Hanman
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01-4065, Mexnar Hanman
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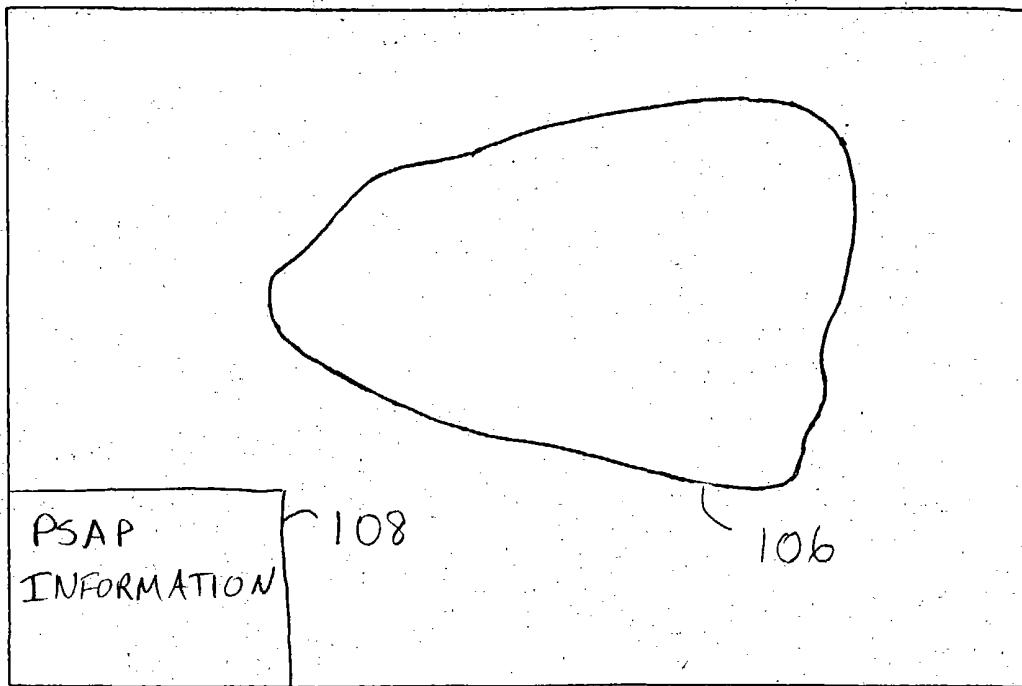


FIG. 5 104

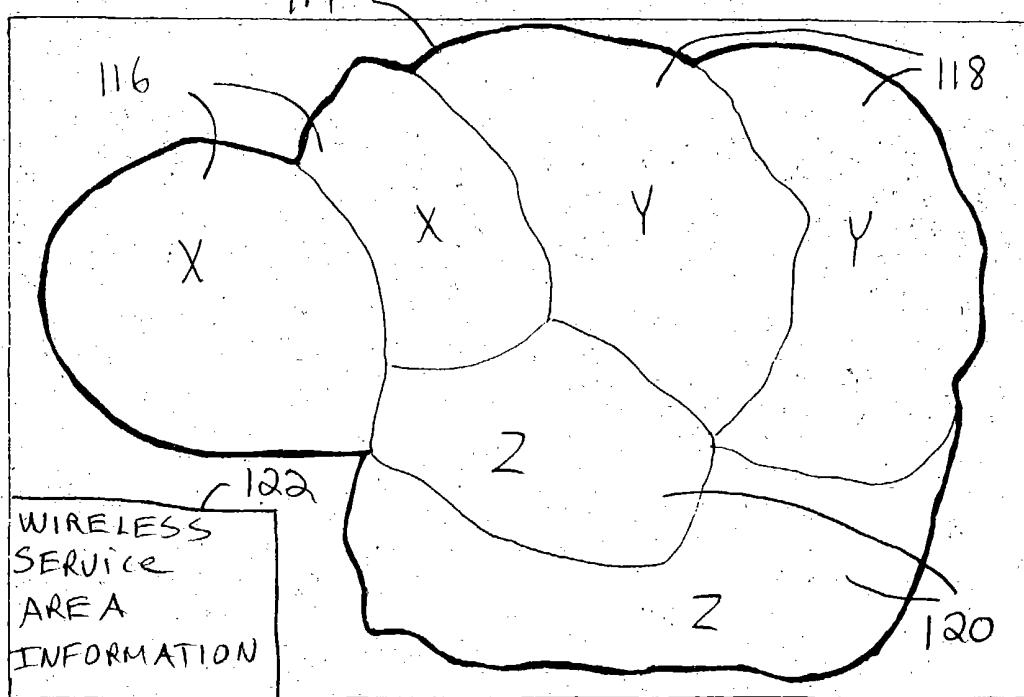


FIG. 6 112

U1-4066; Intekar-Hannan
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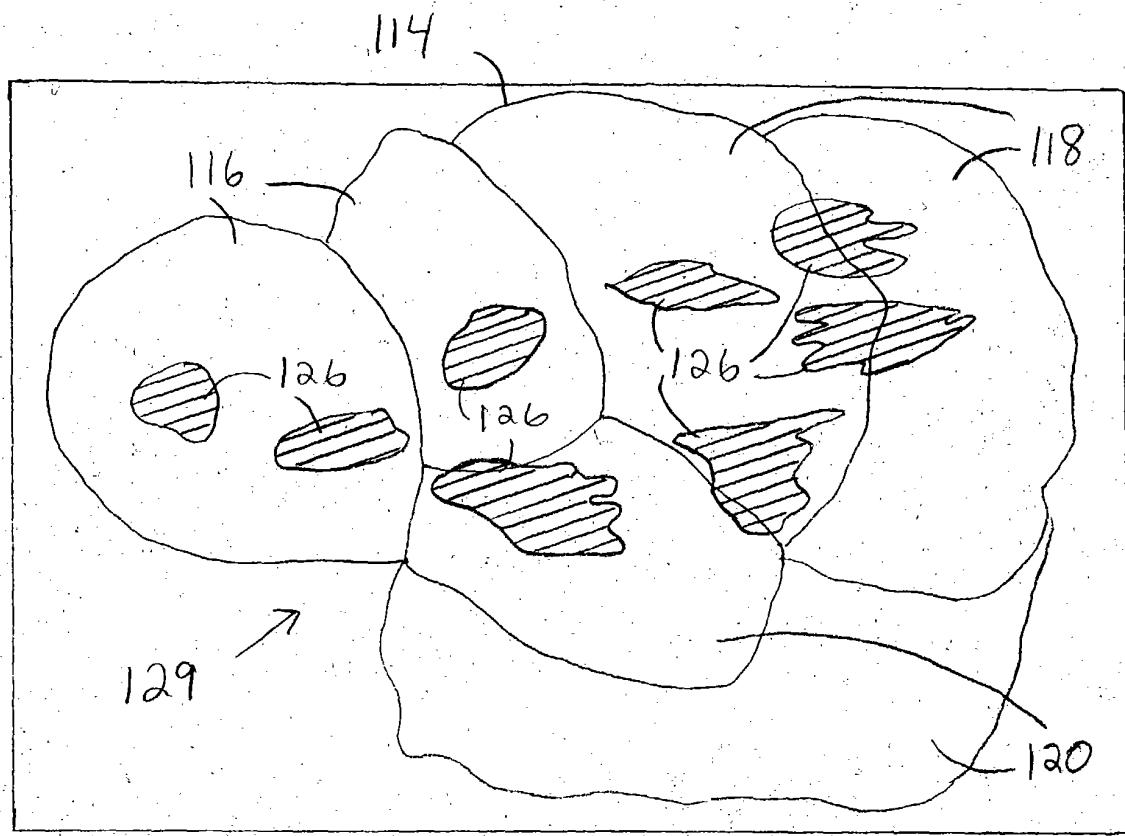


FIG. 7

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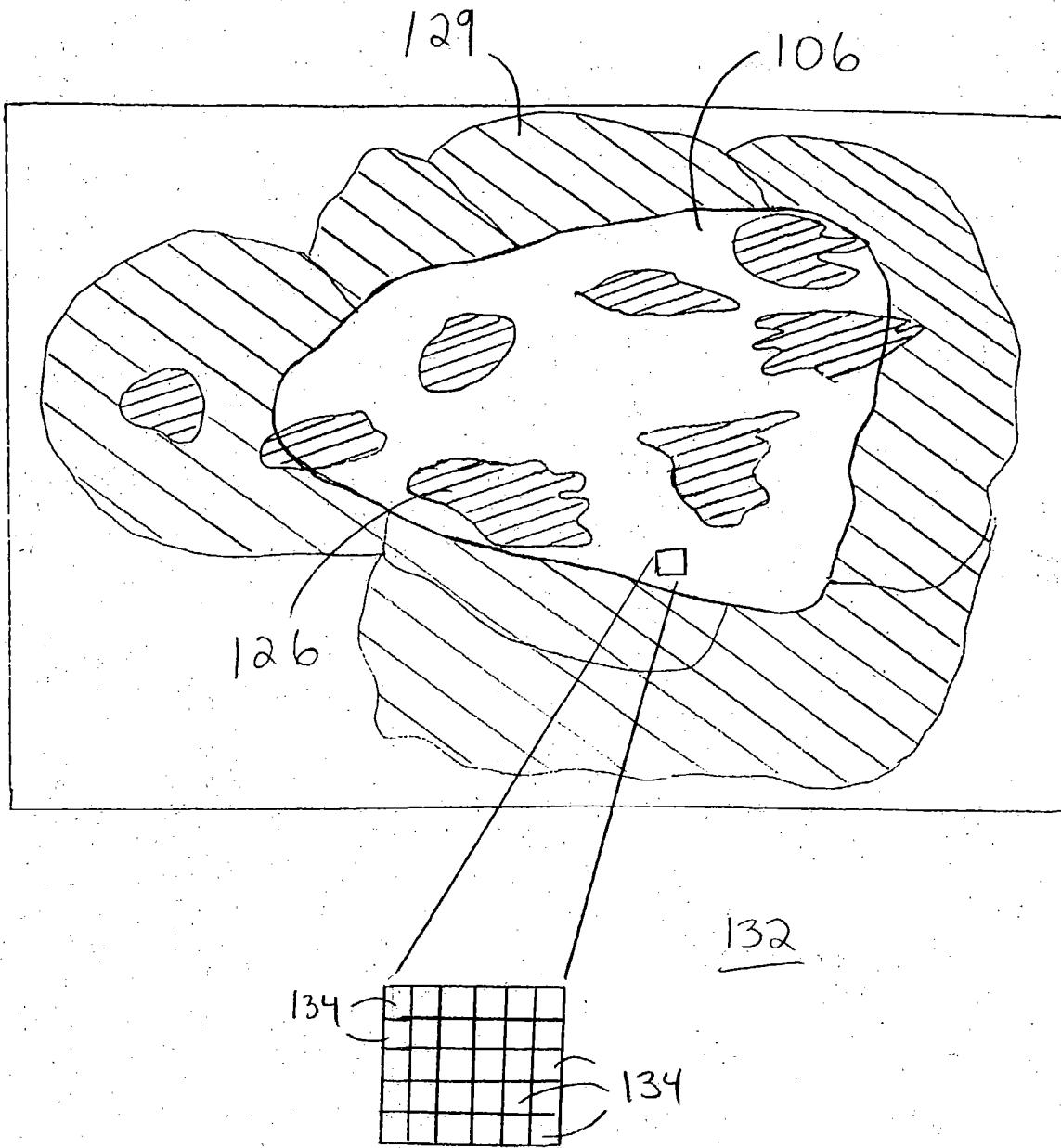
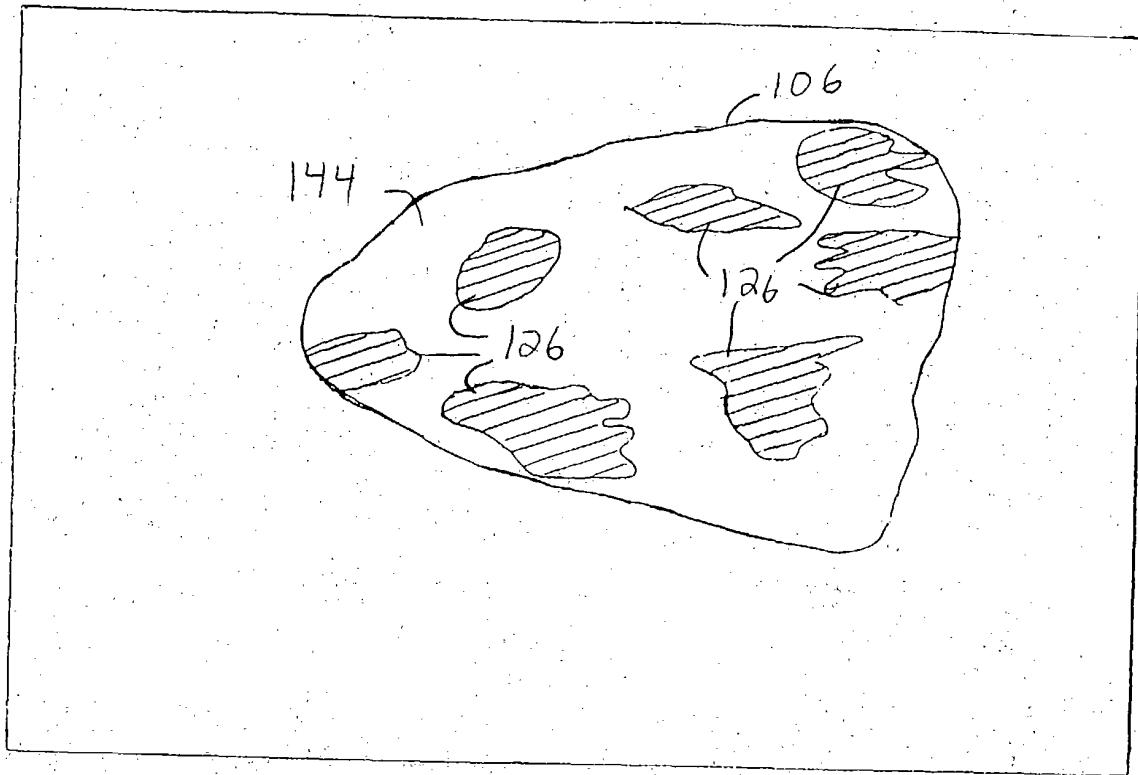


FIG. 8

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FIG. 9

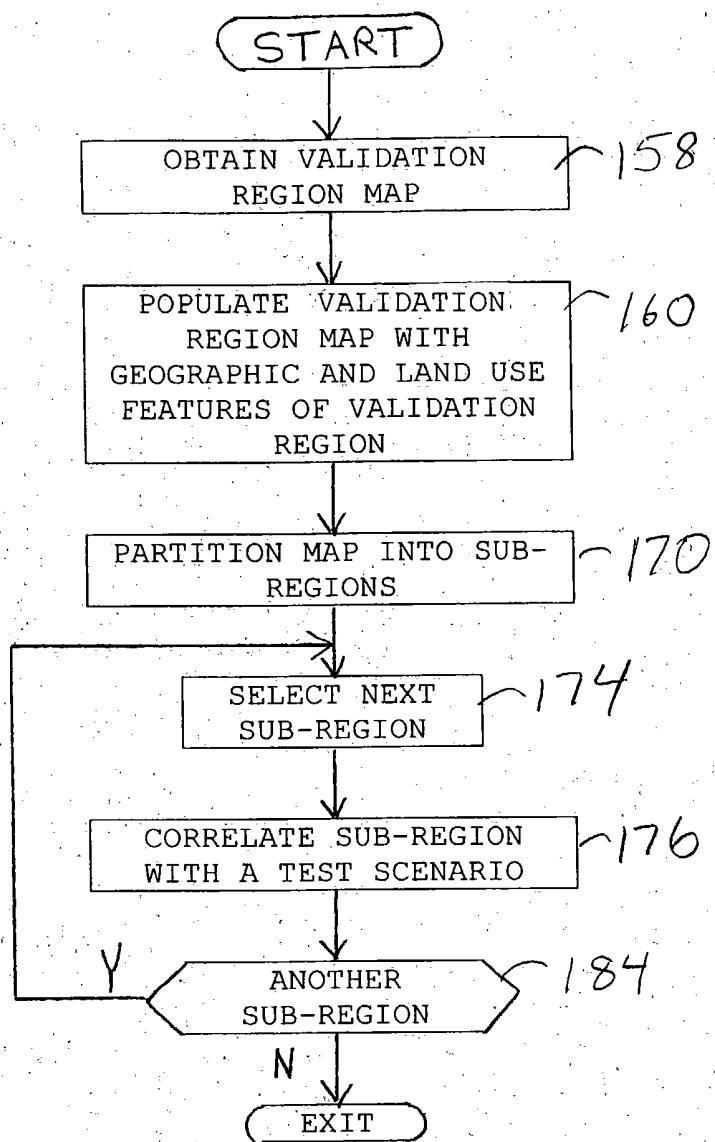
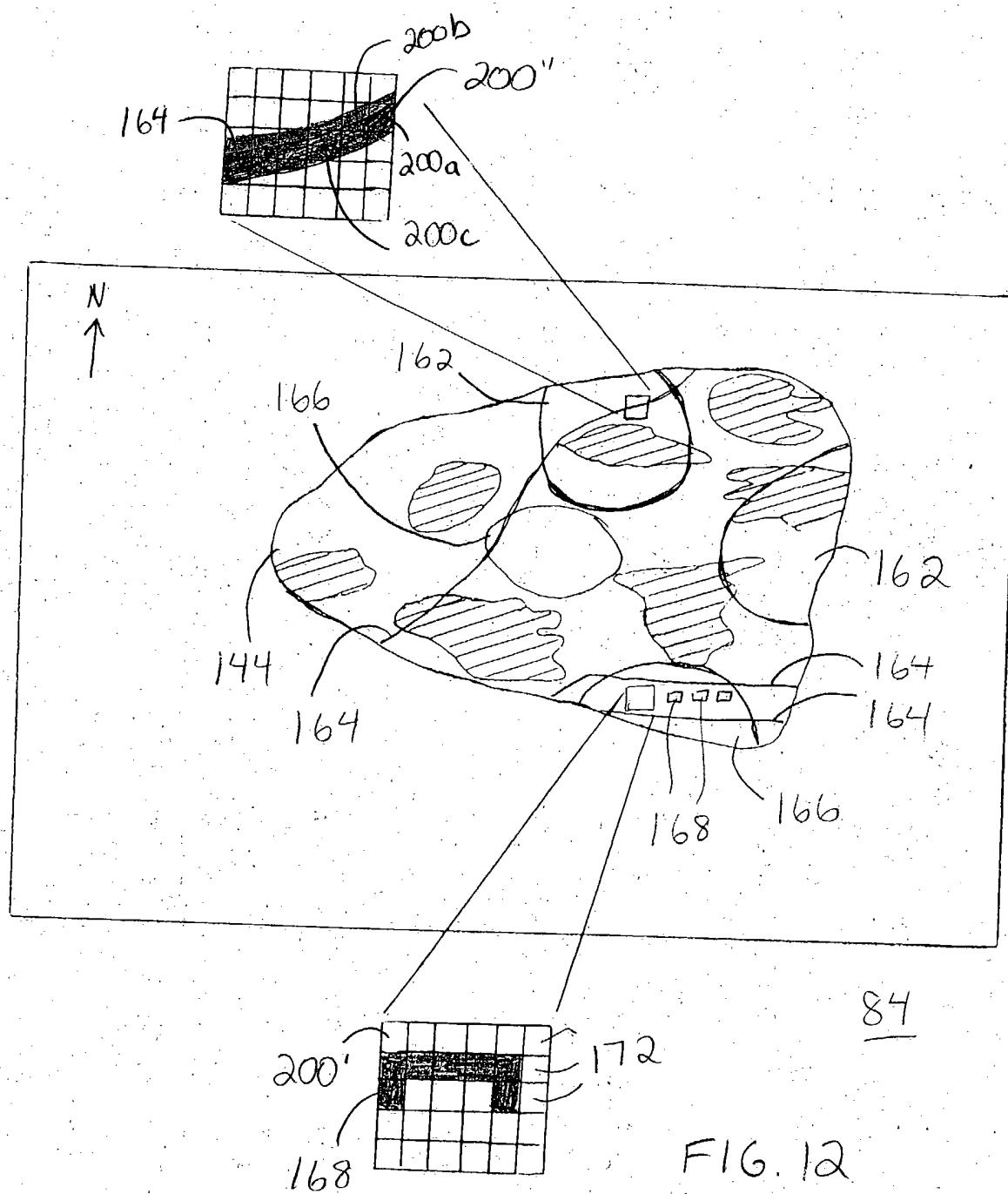


FIG. 10

REF. #	ENVIRONMENT	CONDITION
CLASS: RURAL	156	
R-1	FLAT LAND, CLEAR VIEW OF SKY	OUTDOOR, STATIONARY
R-2	FLAT LAND, CLEAR VIEW OF SKY	INSIDE CAR, STATIONARY
R-3	FLAT LAND, CLEAR VIEW OF SKY	INSIDE CAR, 30 MPH
...		
R-11	HILLY TERRAIN, CLEAR VIEW OF SKY	OUTDOOR, STATIONARY
R-12	HILLY TERRAIN, CLEAR VIEW OF SKY	INSIDE CAR, STATIONARY
R-13	HILLY TERRAIN, CLEAR VIEW OF SKY	INSIDE CAR, 30 MPH
...		
CLASS: SUBURBAN	156	
S-1	RESIDENTIAL SIDEWALK	OUTDOOR, STATIONARY
S-2	RESIDENTIAL SIDEWALK	OUTDOOR, WALKING
...		
S-14	SHOPPING PLAZAS	OUTDOOR, STATIONARY
S-15	SHOPPING PLAZAS	INDOOR, STATIONARY
CLASS: URBAN	156	
U-1	URBAN CANYON - HIGH, INTERSECTION	OUTDOOR, STATIONARY
U-2	URBAN CANYON - HIGH, MID-BLOCK	OUTDOOR, WALKING
...		
U-29	URBAN - RESIDENTIAL, SIDEWALK	OUTDOOR, WALKING
CLASS: HIGHWAY	156	
H-1	HIGHWAY	INSIDE CAR, HEAVY TRAFFIC
H-2	HIGHWAY	INSIDE CAR, 30-40 MPH
...		
CLASS: WATER	156	
W-1	BOAT, WITHIN 2 MILES FROM SHORE	STATIONARY
W-2	BOAT, WITHIN 2 MILES FROM SHORE	5-20 KNOTS
...		

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SUB-REGION IDENTIFIER	LOCATION DESCRIPTION	TEST SCENARIO
A	200 m NORTH OF RR 72 @ MILE MARKER 26	R-11
B	100 m NORTH OF RR 72 @ MILE MARKER 26	R-11
C	NORTH SIDE OF RR 72 @ MILE MARKER 26	R-12, R-13
D	SOUTH SIDE OF RR 72 @ MILE MARKER 26	R-12, R-13
K	123 A AVE, NW CORNER OF FASHION CENTER	S-14
L	123 A AVE, FASHION CENTER FOOD COURT	S-15
M	123 A AVE, FASHION CENTER INNER CORRIDOR	S-15
X		U-2
Y		U-1
Z		U-2
AA		U-1
AB		U-2

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FIG. 13

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180

182

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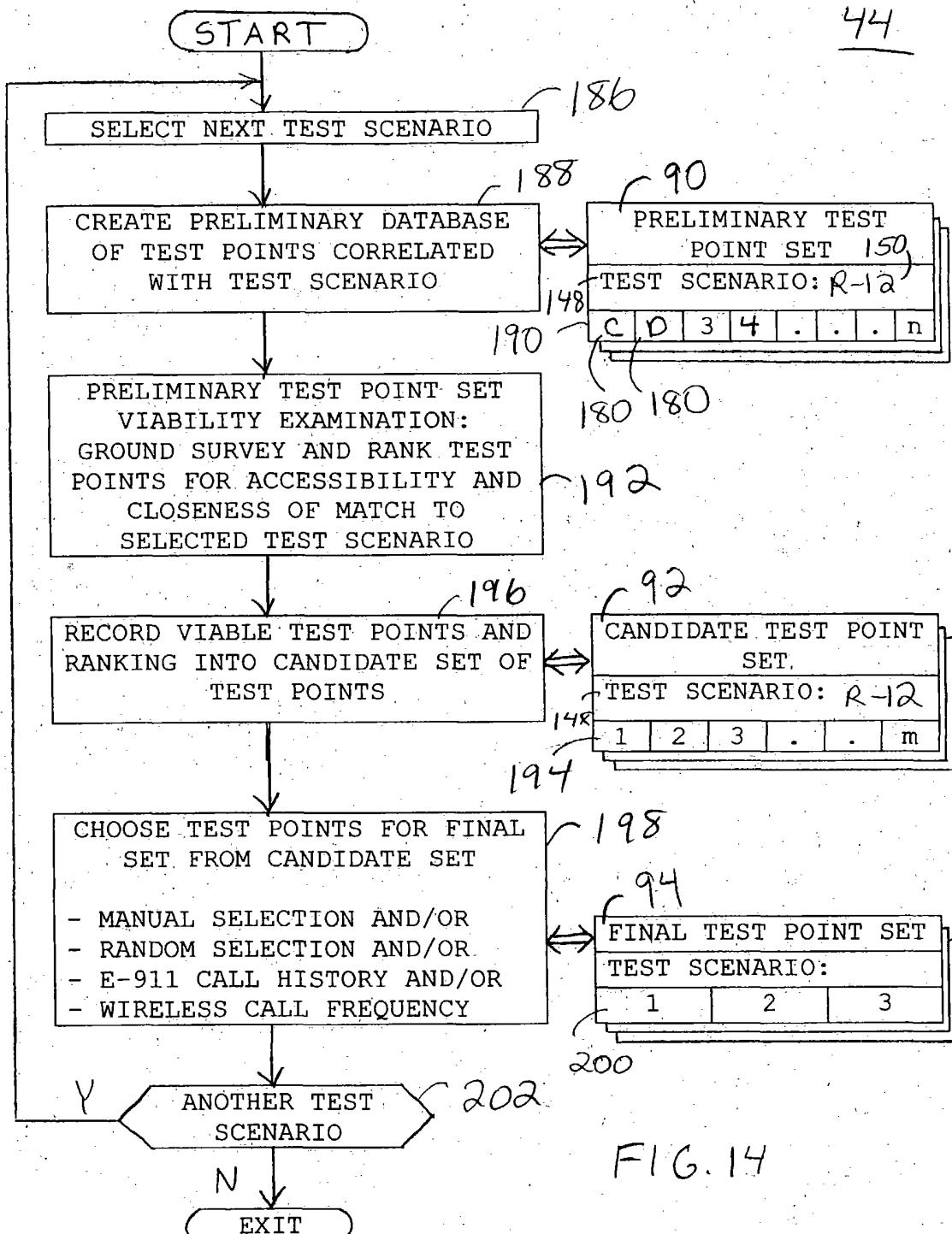


FIG. 14

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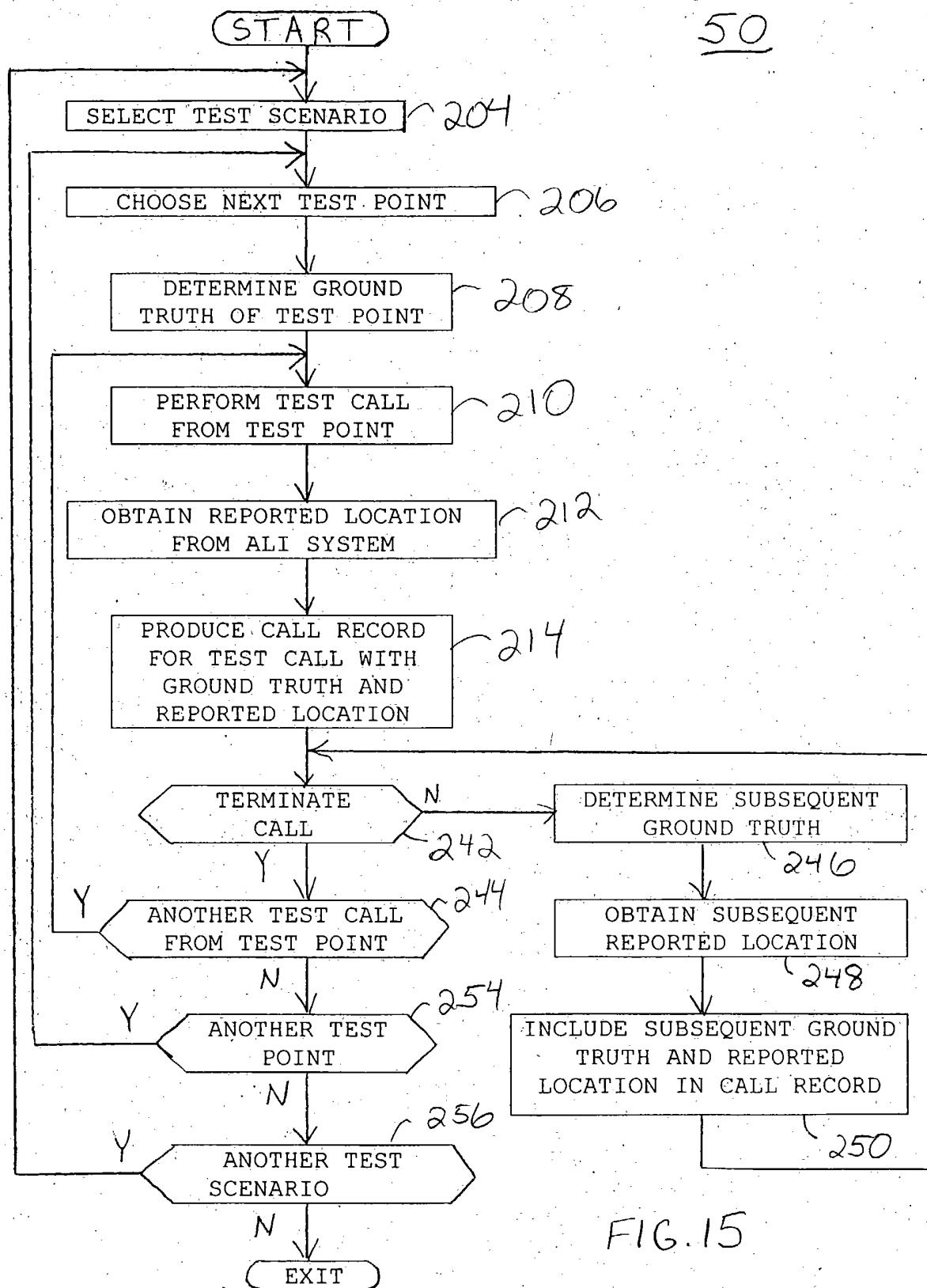


FIG.15

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REF. # A=BUSY HR B=OFF PEAK C=NIGHT	TRIAL #	GROUND TRUTH		GEOLOCATION ESTIMATE (REPORTED LOCATION)			TIME CALL ORIG	TIME REPORTED LOCATION SENT FROM ALI SYSTEM
		LAT	LONG	LAT	LONG	TIME OF EST.		
S-14A	1	GT1	GT2	RL1	RL2	T1 _E	T1 _O	T1 _S
S-14A	2							
...	...							
S-14A	39							
S-14A	40							
S-14B	1							
S-14B	2							
...	...							
S-14B	39							
S-14B	40							
S-14C	1							
S-14C	2							
...	...							
S-14C	39							
S-14C	40							
...	...							
R-13A	1	GT3 a	GT4a	RL5 a	RL5a	T2a _E	T2a _O	T2a _S
R-13A	1	GT3 b	GT4b	RL5 b	RL5b	T2b _E	T2a _O	T2b _S
R-13A	1	GT3 c	GT4c	RL5 c	RL5c	T2c _E	T2a _O	T2c _S
R-13A	2							
...	...							
R-13A	39							
R-13A	40							
R-13B	1							
R-13B	2							
...	...							

150 218 220 224 226 230 232 234 236 238

FIG. 16

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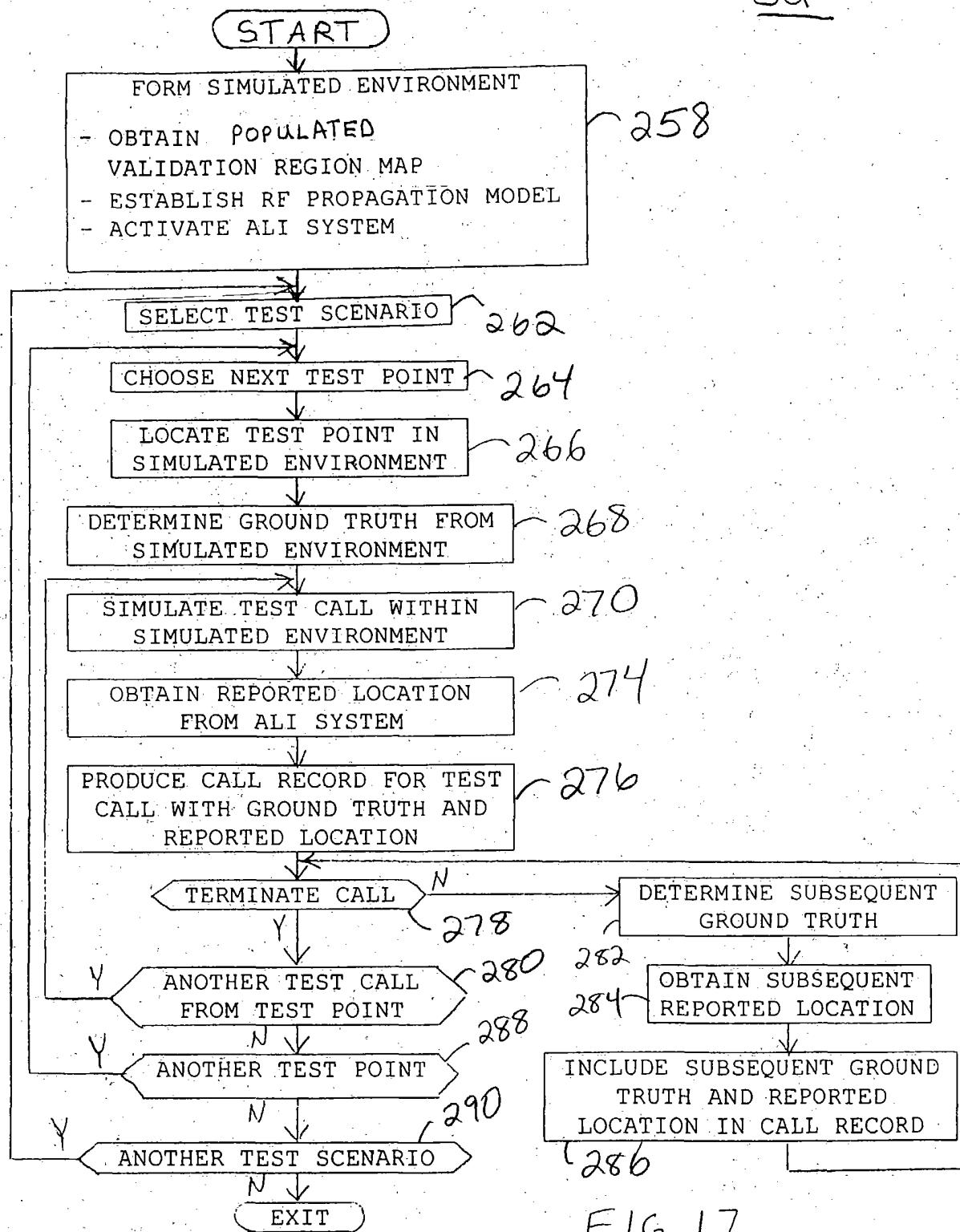


FIG. 17

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